

## EAST Search History

| Ref # | Hits | Search Query                            | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| L1    | 1771 | (360/126)CCLS.                          | US-PGPUB; USPAT                                    | OR               | OFF     | 2006/06/25 18:43 |
| L2    | 2    | shield\$7 with mask\$7 with coplanar    | US-PGPUB; USPAT                                    | OR               | ON      | 2006/06/25 18:45 |
| L3    | 1    | shield\$7 with mask\$7 with "co planar" | US-PGPUB; USPAT                                    | OR               | ON      | 2006/06/25 18:43 |
| L4    | 2    | 2 3                                     | US-PGPUB; USPAT                                    | OR               | ON      | 2006/06/25 18:45 |
| L5    | 4    | shield\$7 with mask\$7 with coplanar    | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/25 18:46 |
| L6    | 1    | shield\$7 with mask\$7 with "co planar" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/25 18:46 |
| L7    | 477  | shield\$7 with mask\$7 with plane       | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/25 18:48 |
| L8    | 4    | 5 6                                     | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/25 18:46 |
| L9    | 15   | 7 and g11b\$                            | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/06/25 18:47 |
| L10   | 0    | shield\$7 with mask\$7 with plane       | IBM_TDB  | OR               | ON      | 2006/06/25 18:48 |
| L11   | 61   | shield\$7 with mask\$7 with plane       | USOCR  | OR               | ON      | 2006/06/25 18:59 |
| L12   | 60   | 1 and renner.xa,xp.                     | US-PGPUB; USPAT                                    | OR               | ON      | 2006/06/25 19:24 |

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|     |       |   |                        |    |    |                  |
|-----|-------|---|------------------------|----|----|------------------|
| L13 | 16    | ("20020024776"   "20020067570"   "4589042"   "5639509"   "5751526"   "5828533"   "6032353"   "6172848"   "6317290"   "6369984"   "6430806"   "6452743"   "6469875"   "6525902"   "6525905"   "6618223").PN.                 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/25 19:28 |
| L14 | 8     | castro-ang\$.xp. and 1  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/25 19:29 |
| L15 | 4     | castro-ang\$.xp. and 360/317.ccls.  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/25 19:29 |
| L16 | 7     | castro-ang\$.xa. and 1  | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/25 19:29 |
| L17 | 18    | ("5245493"   "5406695"   "5578342"   "5715597"   "5752309"   "5805391"   "5828533"   "6104576"   "6111724"   "6130805"   "6137652"   "6156375"   "6163436"   "6191916"   "6204997"   "6226149"   "6252748"   "6381093").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/25 19:45 |
| L18 | 7     | ("5452166"   "5831801"   "5850326"   "5950301"   "6069015"   "6091582"   "6490127").PN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/25 19:58 |
| L19 | 5     | ("6724572").URPN.   | USPAT                  | OR | ON | 2006/06/25 20:11 |
| L20 | 20359 | (perpendicular or vertical) adj3 (head or recording)  | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:11 |
| L21 | 376   | 1 and 20  | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:12 |
| L22 | 276   | @ad<"20030926" and 21   | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:12 |
| L23 | 93    | @rlad<"20030926" and 21   | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:12 |
| L24 | 291   | 22 23   | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:20 |
| L25 | 38    | 21 and provisional  | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:13 |
| L26 | 2     | 25 not 24   | US-PGPUB; USPAT        | OR | ON | 2006/06/25 20:13 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L27 | 12    | (US-20020044379-\$ or US-20020057526-\$ or US-20030048581-\$).did. or (US-5245493-\$ or US-5452164-\$ or US-5652687-\$ or US-5831801-\$ or US-5872693-\$ or US-6055138-\$ or US-6226149-\$ or US-6388845-\$ or US-6724572-\$).did. | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:13 |
| L28 | 1     | 24 and 27  | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:13 |
| L29 | 463   | "shaping layer"  | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:21 |
| L30 | 352   | "shaping film"   | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:20 |
| L31 | 809   | 29 30  | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:20 |
| L32 | 12    | 24 and 31  | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:20 |
| L33 | 31    | 1 and 31   | US-PGPUB;<br>USPAT                          | OR | ON | 2006/06/25 20:20 |
| L34 | 660   | "shaping layer"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/25 20:21 |
| L35 | 563   | "shaping film"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/25 20:22 |
| L36 | 1215  | 34 35  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/25 20:22 |
| L37 | 12474 | g11b005/31   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/25 20:22 |
| L38 | 14    | 36 and 37  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/25 20:22 |